Page 6, paragraph **[0018]**:

[0018] In order to operate the flexible viewing scope device 10, the flexible viewing scope 22 is positioned in front of objects 24 to be viewed. By depressing the switch 16 for the white light source, light is transmitted through the fiber optic cable unit 20 to the flexible viewing scope 22. The light then illuminates objects 24 in front of the flexible viewing scope 22. Light reflecting from the object 24 is then transmitted through the flexible viewing scope 22 to the eyepiece lens 14 through the fiber optic cable unit 20.

A1

Page 6-7, paragraph **[0020]**:

[0020] In order to accommodate for differences in the distance of objects to the flexible viewing scope, and thus differences in the focal length, the eyepiece lens is adjustable to bring objects 24 in front of the flexible viewing scope 22 into focus in the eyepiece lens 14. Focus of the eyepiece lens 14 can be done manually by rotating an outer cylindrical portion of the eyepiece lens having a threaded inner surface about an inner cylindrical portion of the eyepiece lens having a threaded outer portion. Focusing of the image can also be performed using autofocus drive systems. Such focus systems are well understood and need not be described in detail here.

A2

Page 7, paragraph **[0021]**:

[0021] In a preferred embodiment of the invention, the white light source is a white LED. It should be understood, however, that the white light source can be provided by any type of bulb that emits white light including halogen bulbs. Similarly, the user can depress the switch 18 for the blue/black light source to illuminate objects 24 in front of the flexible viewing scope

A3

a3

22 with the blue/black light. The light reflected from objects are transmitted through the fiber optic cable to the eyepiece 14.

Page 9, paragraph **[0028]**:

[0028] In an alternate embodiment the eyepiece can be replaced with a CCD camera and LCD color display screen. A blue LED, as described above, will be provided in the device with a switch for turning the blue LED on and off. Objects 24 in front of the flexible viewing scope will be displayed on the LCD screen and any leaks in the system being detected will be readily apparent.

a4

IN THE CLAIMS:

Please amend claims 1, 3, 6, 8, 11, and 15-20 as follows. A marked-up copy of the claims showing the changes made below is submitted herewith.

1. (Amended) A flexible viewing scope apparatus, comprising:

a5

a flexible viewing scope connected to a first end of a fiber optic cable;

an eyepiece having an eyepiece lens connected to a second end of said fiber optic cable; and

a source of ultraviolet light provided at the second end of said fiber optic cable; wherein said fiber optic cable is encased in a flexible arm.

3. (Amended) The apparatus of claim 2, wherein said eyepiece can be focused.

a6

a7

6. (Amended) The apparatus of claim 5, wherein said eyepiece can be focused.

8. (Amended) A method of leak detection, comprising the steps of:

a8

illuminating an object with an ultraviolet light;

viewing the object through an eyepiece having an eyepiece lens with a flexible viewing scope through a fiber optic cable connected at a first end to the flexible viewing scope and at a second end to said eyepiece.

11. (Amended) The method of claim 9, further comprising the step of adjusting the

a9

focus of the eyepiece.

15. (Amended) A flexible viewing scope apparatus, comprising:

a10

means for illuminating an object with an ultraviolet light;

means for viewing the object through an eyepiece having an eyepiece lens with a flexible viewing scope through a fiber optic cable connected at a first end to the flexible viewing scope and at a second end to said eyepiece.

16. (Amended) The apparatus of claim 15, wherein said fiber optic cable is encased in a flexible housing.

17. (Amended) The apparatus of claim 16, further comprising means for illuminating the object with a white light.